

RESPONSE

IN THE CLAIMS:

What is claimed is

1. (Currently Amended) A ~~method~~ computer program product for managing AV/C descriptor data, comprising ~~in combination~~instructions, which, when executed:
~~compiling~~ compile a plurality of containers containing AV/C descriptor data;
~~registering~~ register one or more fields within each said container; ~~and~~
~~arranging~~ arrange said containers into a logical hierarchy; ~~and~~
present the hierarchy to a device requesting data.
2. (Currently Amended) The ~~method~~computer program product of claim 1, further comprising:
instructions for associating addresses with each of said fields sequentially enumerated within each of said containers.
3. (Currently Amended) The ~~method~~ computer program product of claim 2, further comprising instructions for mapping said fields to a prescribed field list.
4. (Currently Amended) The ~~method~~ computer program product of claim 3, further comprising instructions for:
accessing any field within any container independently of any other container;
and
reading data from any field within any container without affecting the access to any other container.

5. (Currently Amended) The ~~method~~ computer program product of claim 4, wherein said plurality of containers comprise in combination an AV/C general object list descriptor.

6-10. (Cancelled)

11. (Currently Amended) A ~~method~~ computer program product for compiling an AV/C descriptor readable buffer from one or more data containers, comprising instructions, which, when executed in combination:

identifying identify a top level data container containing AV/C descriptor data;
initializing initialize compilation attributes;
sequentially reading the container data; and
copying copy said read data into a readable buffer.

12. (Currently Amended) The method of claim 11 wherein said initializing activity compilation attributes comprises in combination:

establishing a read buffer in a memory space and setting the read buffer offset to zero;
establishing a received address request as a starting address;
establishing a received read length request as a length sought.

13. (Currently Amended) The method of claim 12 wherein the sequentially reading container data activity includes ~~recursively~~ searching for responsive data, said ~~recursive~~ search initialized with said initialized attributes.